US ERA ARCHIVE DOCUMENT

## **Attachment 8**

# Lower Savannah Area

# **Local Early Action Plans**



## Early Action Compacts June 2006 Progress Summary Table

A. Control Measure under Consideration	B. Summary Description of Measure	C. Program/Measure Status	D. Specific Implementation Date	E. VOC Reduction	F. NOx Reduction	G. Resources (FTE's, \$\$)	H. Additional Information
Lower Savannah SC (Decignated - A	(ttainment)						

Lower Savannah, SC (Designated - Attainment)

### **JUNE 2006 AIKEN COUNTY**

Based on stakeholder consultation and taking into consideration resource and political constraints, the following emission reduction strategies remain under consideration. The County will continue to evaluate the air guality within the

ir Quality Contact	One person will be identified as the Air Quality Contact for Aiken County. At a minimum, this contact will be responsible	lowing measures under consideration.		n/a directionally	n/a directionally	n/a	See Comment #3
an Quanty Solitable	for ozone education/outreach and dissemination of ozone forecast. Each participating industry and municipality will also have an Air Quality Contact	as air quality contact .		sound	sound		
support state-wide efforts	Aiken County will support the efforts of SC DHEC regarding statewide emission reduction strategies.	Complete - Supported DHEC regularions: SC 61-62.2 and SC62-62.5	Jun - 04 and Sept - 04	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Iternative Fuels	- Switch Aiken County Transit Fleet to Bio-diesel.	Complete	Jun-02	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Iternative Fuels	Make alternative fuels available to the citizens of Aiken County	Waiting on availability in Aiken County	2005	n/a directionally sound	n/a directionally sound	n/a	
ype II Fuels	Use low-sulfur Type II fuels in all vehicles	When Available in Aiken County	When Available in Aiken County	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
community Awareness and Education	Promote the Aiken County Early Action Plan at meetings where the public is invited. Issue press releases to the local media. SCE&G is promoting an energy conservation awareness program.	Complete - Air Quality agenda item added to all MPO committee agendas, Cities both held Earth Day activities	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Commuter Choice Program	Promote transit as a mode of transportation to get to the workplace through employer incentives.	Complete - Commuter Choice program distributed to local employers	May-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
ntelligent Transportation Systems	Install ITS equipment along major routes within the urbanized portion of Aiken County that follows the guidelines of our Advanced Traffic Management System Master Plan.	When funding becomes available	Master Plan completed May 2002.	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
romote Multi-modal Land Use	Revise ordinances to promote bicycle and pedestrian facilities and establish minimum tree planting requirements.		Council approval, Plan	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Open Burning Ordinance	Ban or limit open burning within city limits.	Complete - Aiken and North Augusta adopted burning bans within the city limits	Implemented	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
lid-day Carpooling	Encourage employees to carpool to lunch.	Complete - information distributed to local employers and available at all public meetings	2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Occupancy Sensors	Install workspace occupancy sensors to reduce energy consumption.	Complete - Installed in laocal manufacturing facilities	2003-2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Reflective Surfaces	Paint exposed surfaces of building with reflective paint to reduce energy consumption.	Complete - Installed in laocal manufacturing facilities	2003-2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
ligh Efficiency Equipment	Purchase Energy Star products when appropriate.	Complete - local government agencies and businesses participate in the program	2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3

- December 2004 SC EAC SIP activity not quantified for several reasons (first) in accordance with EAC Protocol, after all adopted Federal and State controls were accounted for in the modeling, it was determined that local controls were not necessary to demonstrate attainment of the 8-hour ozone standard. Measures were submitted by the local areas to show their continued support and commitment to the EAC process. (second) this activity is directionally sound and should provide air quality benefits and in some cases measurable results. The progress toward implementing this activity and the benefits derived will be documentd as a part of the ongoing reporting requirements.
- 2. December 2003 Progress Report See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac.html additional information provided by the county to include "findings", "advantages/disadvantages", "recommendations", "costs", etc...
- 3. March 2004 Local Early Action Plan See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac\_0304.asp
- 4. June 2004 Progress Report See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac\_0604.asp
- 5. December 2004 Progress Report See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac\_1204.asp
- 6. December 2004 SC EAC SIP Including Appendix 8 (Local Early Action Plans and the Air Quality Awareness and Improvement Policy) and Appendix 16 (County Level Emission Reductions and Descriptions for the Ozone EAC Areas )- See http://www.scdhec.gov/eqc/baq/html/eap\_sip.html
- . April 20, 2005 Correspondence to Mr. Palmer including clarifying supplemental information to the EAC SIP submittal of December 2004. See http://www.scdhec.gov/eqc/baq/html/eap\_sip.html
- 3. June 2005 Progress Report See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac\_0605.asp

Lower Savannah, SC (Designated - Attainment)

### JUNE 2006 ALLENDALE COUNTY

Based on stakeholder consultation and taking into consideration resource and political constraints, the following emission reduction strategies remain under consideration. The County will continue to evaluate the air quality

	within the county and may implement one or more of the	following measures under consideration.			
Air Quality Contact	One person will be identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast.	Completed. An Air Quality Contact was first designated in 2003. Linda Sanders is the current Air Quality contact.	n/a n/a directionally sound sound	n/a	See Comment #3
Support state-wide emission reduction efforts	Allendale County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Completed. The county supported SCDHEC in the promulgation of the following regulations: SC61-62.2 "Prohibition of Open Burning" & SC61-62.5 Std. 5.2 "Control of Oxides of Nitrogen.	n/a n/a directionally sound sound	n/a	See Comment #3
Measures taken to present	Allendale County Emergency Management Agency distributed to all county employees, information about Air Quality basics and protective measures.	Completed. March 1, 2006	n/a n/a directionally sound sound	n/a	See Comment #3

#### Comments

- 1. December 2004 SC EAC SIP activity not quantified for several reasons (first) in accordance with EAC Protocol, after all adopted Federal and State controls were accounted for in the modeling, it was determined that local controls were not necessary to demonstrate attainment of the 8-hour ozone standard. Measures were submitted by the local areas to show their continued support and commitment to the EAC process. (second) this activity is directionally sound and should provide air quality benefits and in some cases measurable results. The progress toward implementing this activity and the benefits derived will be documented as a part of the ongoing reporting reouriements.
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- 7. April 20, 2005 Correspondence to Mr. Palmer including clarifying supplemental information to the EAC SIP submittal of December 2004. See http://www.scdhec.gov/eqc/baq/html/eap\_sip.html
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Lower Savannah, SC (Designated -	Attainment)						
Based on stakeholder consultation	JUNE 2006 BAMBERG COU on and taking into consideration resource and political constraints, the following emissi the county and may implement one or more of the	JNTY on reduction strategies remain under c		The Count	y will contin	ue to eva	luate the air quality within
1. Air Quality Contact	One person will be identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast.	Completed. Booker Patrick is the current Air Quality Contact.	2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
2. Support Statewide efforts	The county will support the efforts of SCDHEC regarding statewide reduction strategies.	Completed. The county supported SCDHEC in the promulgation of the following regulations: SC61-62.2 "Prohibition of Open Burning" & SC61-62.5 Std. 5.2 "Control of Oxides of Nitrogen.	June 25, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
	Intified for several reasons (first) in accordance with EAC Protocol, after all adopted Federal and State controls were accounted for in miniment to the EAC process. (second) this activity is directionally sound and should provide air quality benefits and in some cases						
2. December 2003 - Progress Report - See - http://	/www.scdhec.gov/eqc/baq/html/eap_dpr_eac.html - additional information provided by the county to include "findings", "advantages/	disadvantages", "recommendations", "costs", etc					
3. March 2004 - Local Early Action Plan - See - http	p://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0304.asp						
4. June 2004 - Progress Report - See - http://www.	.scdhec.gov/eqc/baq/html/eap_dpr_eac_0604.asp						
5. December 2004 - Progress Report - See - http://	/www.scdhec.gov/eqc/baq/html/eap_dpr_eac_1204.asp						
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7. April 20, 2005 - Correspondence to Mr. Palmer i	including clarifying supplemental information to the EAC SIP submittal of December 2004 See - http://www.scdhec.gov/eqc/baq/htm	ml/eap_sip.html					

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A. Control Measure under Consideration	B. Summary Description of Measure	C. Program/Measure Status	D. Specific Implementation Date	E. VOC Reduction	F. NOx Reduction	G. Resources (FTE's, \$\$)	H. Additional Information
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Lower Savannah, SC (Designated - Attainment)

### JUNE 2006 BARNWELL COUNTY

Based on stakeholder consultation and taking into consideration resource and political constraints, the following emission reduction strategies remain under consideration. The County will continue to evaluate the air quality within the county and may implement one or more of the following measures under consideration.

• • • • • • • • • • • • • • • • • • • •	nowing measures under considerant					
During the peak Ozone months Barnwell County will have a designated Ozone Action Coordinator (OAC). Hisher responsibility will be to monitor Czone Forecast and implement Ozone Reduction Action Plan. High Ozone Alerts will be available from local television and radio news/weather broadcast and E-mail alerts from DHEC. Barnwell County will form a county ozone committee, consisting of all county department heads, to develop and implement a countywide Ozone Reduction Action Plan.	Measure under consderation/Designate Ozone Action Coordinator	June 29, 1905	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Barnwell County will support the efforts of SC DHEC regarding statewide emission reduction strategies.	Completed/supports SC DHEC regarding statewide emission reduction strategies.	Continuing	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Barnwell County will be seeking information on Alternative Fuels.	Measuer under consideration/Not available in Barnwell County at this time	Not available in Barnwell County at this time	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Department Heads will develop and implement inter-departmental plans to reduce or eliminate idling times on vehicles and ground maintenance equipment. This policy will contain stricter guidelines for use during high ozone days.	Completed/Implemented in 2003 and continuing	Implemented 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Barmwell County's Fire Districts, Emergency Services and Sheriff's Department will work in combination with State Agencies to develop this action. This action will focus on issues dealing with illegal burning, tires, plastics, roofing materials and hazardous substances.	Completed/Implemented in 2003 and continuing	Implemented 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Barnwell County's Business Manager will develop a plan to purchase replacement vehicles with a priority on vehicles and equipment with the latest emission reduction standards. Over a five to seven year period our present fleet can be replaced with a cleaner burning and better fuel-efficient fleet.	Measure under consderation	Still under review	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Enhancing Ozone awareness and education will be a vital part of our Early Action Plan. Aggressive A/E programs to motivate individuals, business, industries and organization to take actions to minimize ozone pollution. A/E will include public speaking, distribution of educational materials and increased media alerts promoting Clean Air Awareness.	Completed/Implemented 2003 and Ongoing	Implemented 2003 and Ongoing	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
	During the peak Ozone months Barrwell County will have a designated Ozone Action Coordinator (OAC). His\text{lef} responsibility will be to monitor Ozone Forecast and implement Ozone Reduction Action Plan. High Ozone Alerts will be available from local television and radio news/weather broadcast and E-mail alerts from DHEC. Barnwell County will form a county ozone committee, consisting of all county department heads, to develop and implement a countywide Ozone Reduction Action Plan.  Barnwell County will support the efforts of SC DHEC regarding statewide emission reduction strategies.  Barnwell County will be seeking information on Alternative Fuels.  Department Heads will develop and implement inter-departmental plans to reduce or eliminate idling times on vehicles and ground maintenance equipment. This policy will contain stricter guidelines for use during high ozone days.  Barnwell County's Fire Districts, Emergency Services and Sheriff's Department will work in combination with State Agencies to develop this action. This action will focus on issues dealing with illegal burning, tires, plastics, roofing materials and hazardous substances.  Barnwell County's Business Manager will develop a plan to purchase replacement vehicles with a priority on vehicles and equipment with the latest emission reduction standards. Over a five to seven year period our present fleet can be replaced with a cleaner burning and better fuel-efficient fleet.  Enhancing Ozone awareness and education will be a vital part of our Early Action Plan. Aggressive A/E programs to motivate individuals, business, industries and organization to take actions to minimize ozone pollution. A/E will include	During the peak Ozone months Barnwell County will have a designated Ozone Action Coordinator (OAC). 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#### Comments

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Lower Savannah, SC (Designate	d - Attainment)						
Based on stakeholder consultation	JUNE 2006 CALHOUN COUN on and taking into consideration resource and political constraints, the following emission	reduction strategies remain under consider	ation. The Co	unty will co	ontinue to e	valuate the	air quality within t
r Quality Contact	County and may implement one or more of the folio  One person will be identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast.	Completed. Woody Rucker was designated as the A	Mar-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
upport state-wide efforts	Calhoun County will support the efforts of SC DHEC regarding state-wide emission reduction strategies	Completed. The county supports the efforts of SCD	Aug-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
eavy Equipment operation	Delay/Reschedule mowing and motorized construction on Ozone Action Days.	Completed. Outdoor activities such as mowing and motorized construction will be done before 12:00 pm.	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
nall Engine operation	Delay/Reschedule landscaping activities with small engine use on Ozone Action Days.	Completed. Landscraping activities with small engine use will be done before 12:00 pm.	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
eling	Do not "top off' fuel tanks when refueling.	Completed. The county will not "top off" fuel tanks when refueling.	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
ildings	Have employees turn off computers and lights daily.	Completed. County employees will turn off lights daily.	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
inting	Restrict indoor and outdoor painting on Ozone Action Days.	Completed. Employees will restrict indoor and outdoor painting on Ozone Action Days.	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
areness	Promote employee education/awareness of ozone issues.	Completed. The county promotes awareness of ozone issues.	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
chedules	Change outside employee work hours to accommodate summer temperatures.	Completed. The Public Works employees changed their working hours from 8:00 am - 5:00 pm to 7:00 am - 4:00 pm to get an early start on outdoor	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3

#### Comments:

- 1. December 2004 SC EAC SIP activity not quantified for several reasons (first) in accordance with EAC Protocol, after all adopted Federal and State controls were accounted for in the modeling, it was determined that local controls were not necessary to demonstrate attainment of the 8-hour ozone standard. Measures were submitted by the local areas to show their continued support and commitment to the EAC process. (second) this activity is directionally sound and should provide air quality benefits and in some cases measurable results. The progress toward implementing this activity and the benefits derived will be documentd as a part of the ongoing reporting requirements.
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Lower Savannah, SC (Designated -	Attainment)		<u> </u>		'	1	
	JUNE 2006						
	ORANGEBURG CO						
Based on stakeholder consultati	on and taking into consideration resource and political constraints, the following emissio	<del>_</del>		The Count	y will contini	ue to evalu	ate the air quality with
ir Quality Contact	the county and may implement one or more of the fo One person has been identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone		Mar-03	n/a	n/a	n/a	See Comment #3
	education/outreach and dissemination of ozone forecast. John H. Smith	designated in 2003. The current Air Quality Contact is George Bonnette.		directionally sound	directionally sound		
upport state-wide efforts	Orangeburg county will support the efforts of SC DHEC regarding statewide emission reduction strategies.	Completed. The county supported SCDHEC in the promulgation of the following regulations: SC61-62.2 "Prohibition of Open Burning" & SC61-62.5 Std. 5.2 "Control of Oxides of Nitrogen.	June 24, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
akeholder development	Identify and expand the stakeholders for the successful implementation of this program. Initial contact has been made through the county's Local Emergency Planning committee (LEPC)	County Administration, Shop, Public Works, and EMS	Jan-06	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
tegrate notification procedure	Integrate the notification procedure into existing Notification procedures using organic resources of the Emergency services dept/EOC.	Emergency Services Office can notifty through telephone and public information systems	Jan-06	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
ublic education program	Utilize existing public education programs to include ozone program using organic resources of OES dept and Project Impact program	Presentations are being made when we can	Jul-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
ehicle operations	Vehicle maint. Department is planning to purchase test alternative fuel vehicles, if results are good County may be able to replace 10% of fleet within Five years	County Administrator has instructed fleet manager to persue purchasing alternative vehicles when replacing vehicles	May-06	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
ehicle operations tracking	County is installing GPS/vehicle monitors which Will also monitor all engine idling time and and Miles driven. Will help identify options to reduceVehicle idling and unneeded mileage	Tracking has been implemented on public works vehicles, EMS vehicles, Administrators vehicle, and heavy equipment vehicles	Jun-04	n/a directionally sound	n/a directionally sound	n/a	See Comment #3

- Commitment was determined and the control was determined that local controls were not necessary to demonstrate attainment of the 8-hour ozone standard. Measures were submitted by the local areas to show their continued support and commitment to the EAC process. (second) this activity is directionally sound and should provide air quality benefits and in some cases measurable results. The progress toward implementing this activity and the benefits derived will be documentd as a part of the ongoing reporting requirements.
- 2. December 2003 Progress Report See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac.html additional information provided by the county to include "findings", "advantages/disadvantages", "recommendations", "costs", etc....
- 3. March 2004 Local Early Action Plan See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac\_0304.asp
- June 2004 Progress Report See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac\_0604.asp
- 5. December 2004 Progress Report See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac\_1204.asp
- 6. December 2004 SC EAC SIP Including Appendix 8 (Local Early Action Plans and the Air Quality Awareness and Improvement Policy) and Appendix 16 (County Level Emission Reductions and Descriptions for the Ozone EAC Areas )- See http://www.scdhec.gov/eqc/baq/html/eap\_sip.html
- 7. April 20, 2005 Correspondence to Mr. Palmer including clarifying supplemental information to the EAC SIP submittal of December 2004. See http://www.scdhec.gov/eqc/baq/html/eap\_sip.html
- 8. June 2005 Progress Report See http://www.scdhec.gov/eqc/baq/html/eap\_dpr\_eac\_0605.asp